BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to Roads of Yashodhanagara in Ward No. 07,Byatarayanapura Kodigehalli Sub Division.

ABSTRACT 1st & final

[Pick the date]

Estimate cost: 49.0 **lakhs**

Ward 7 byatarayanapura

KRIDL

007 - 18 - 000035

W.O No. 92 | 2.3.18

BRUHAT BANGALORE MAHANAGARA PALIKE						
NAME OF WORK: Improvements to Roads of Yashodhanagara in Ward No. 07,Byatarayanapura Kodigehalli Sub Division.						
Measurements Taken On :						
ABSTRACT OF MEASUREMENT SHEET - 1st and FINAL BILL						
Item No	**Description**	**Unit**	**Quantity**	**RATE**	**Amount**	**Remarks**
Item No. 1	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Cum**	**784.13**			
	Previous Bill Qty	**Cum**	**0.00**			
	Total	**Cum**	**784.13**			
	BOQ Qty	**Cum**	**784.13**			
	Now to be paid	**Cum**	**784.13**	**186.92**	**146569.58**	
Item No. 02	Removing and refixing stone slabs of drains and pointing in CM and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Sqm**	**1662.65**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**1662.65**			
	BOQ Qty 1662.78	**Sqm**	**1662.65**		133943.08	
	Now to be paid	**Sqm**	**1662.65**	**80.56**	**133942.68**	
Item No. 03	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Sqm**	**712.35**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**712.35**			
	BOQ Qty 712.62	**Sqm**	**712.62**			
	Now to be paid	**Sqm**	**712.35**	**665.68**	**474197.15**	
Item No.04	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Cum**	**166.88**			
	Previous Bill Qty	**Cum**	**0.00**			
	Total	**Cum**	**166.88**			
	BOQ Qty	**Cum**	**166.88**			
	Now to be paid	**Cum**	**166.88**	**148.76**	**24825.07**	

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Item No	Description	Unit	Quantity	RATE	Amount	Remarks
Item No.05	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per drawing and the directions of Engineer in-charge.					
	present Qty	**Cum**	**166.88**			
	Previous Bill Qty	**Cum**	**0.00**			
	Total	**Cum**	**166.88**			
	BOQ Qty	**Cum**	**166.88**			
	Now to be paid	**Cum**	**166.88**	**1768.08**	**295057.19**	
Item No.06	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per drawing and the directions of Engineer in-charge.					
	present Qty	**Sqm**	**1112.50**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**1112.50**			
	BOQ Qty	**Sqm**	**1112.50**			
	Now to be paid	**Sqm**	**1112.50**	**27.56**	**30660.50**	
Item No.07	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Sqm**	**10375.00**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**10375.00**			
	BOQ Qty	**Sqm**	**10375.00**			
	Now to be paid	**Sqm**	**10375.00**	**3.18**	**32992.50**	
Item No.08	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specificationsrge.					
	present Qty	**Sqm**	**10375.00**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**10375.00**			
	BOQ Qty	**Sqm**	**10375.00**			
	Now to be paid	**Sqm**	**10375.00**	**11.66**	**120972.50**	

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Item No	Description	Unit	Quantity	RATE	Amount	Remarks
Item No.09	Providing and laying bituminous concrete 40mm compacted thickness with VG30 Bitumen garde using 40-60 HMP using crushed aggregates of grading ll premixed with bituminous binder at 6% of mix and filler transporting the hot mix to work site laying with a mechanical paver finisher to the required grade level and alinment,rolling with smooth wheeled, vibratory and tandem rollers to achive the desired compaction as per MoRTH specification and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Cum**	**415.00**			
	Previous Bill Qty	**Cum**	**0.00**			
	Total	**Cum**	**415.00**			
	BOQ Qty	**Cum**	**415.00**			
	Now to be paid	**Cum**	**415.00**	**7083.98**	**2939851.70**	
Item No.10	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm aea thickness of 2.5 mm exclusive of surface applied glass beads as per IRC;35 the finished surface to be level , uniform and free from streaks and holes complete as per specification and as per the directions of the Engineer-in-charge of the work .					
	present Qty	**Sqm**	**394.50**			
	Previous Bill Qty	**Sqm**	**0.00**			
	Total	**Sqm**	**394.50**			
	BOQ Qty	**Sqm**	**394.50**			
	Now to be paid	**Sqm**	**394.50**	**542.72**	**214103.04**	
				SUB TOTAL AMOUNT	**4413171.91**	4413172.31
				Add KRIDL @ 10%	**441317.19**	441317.23
				Labour Cess @ 1%	**44131.72**	44131.72
				TOTAL AMOUNT	**4898620.82**	

S. total = 4413172.31
10% : 441317.23
1% : 44131.72
4898621.26
4898,600
48,98,600

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